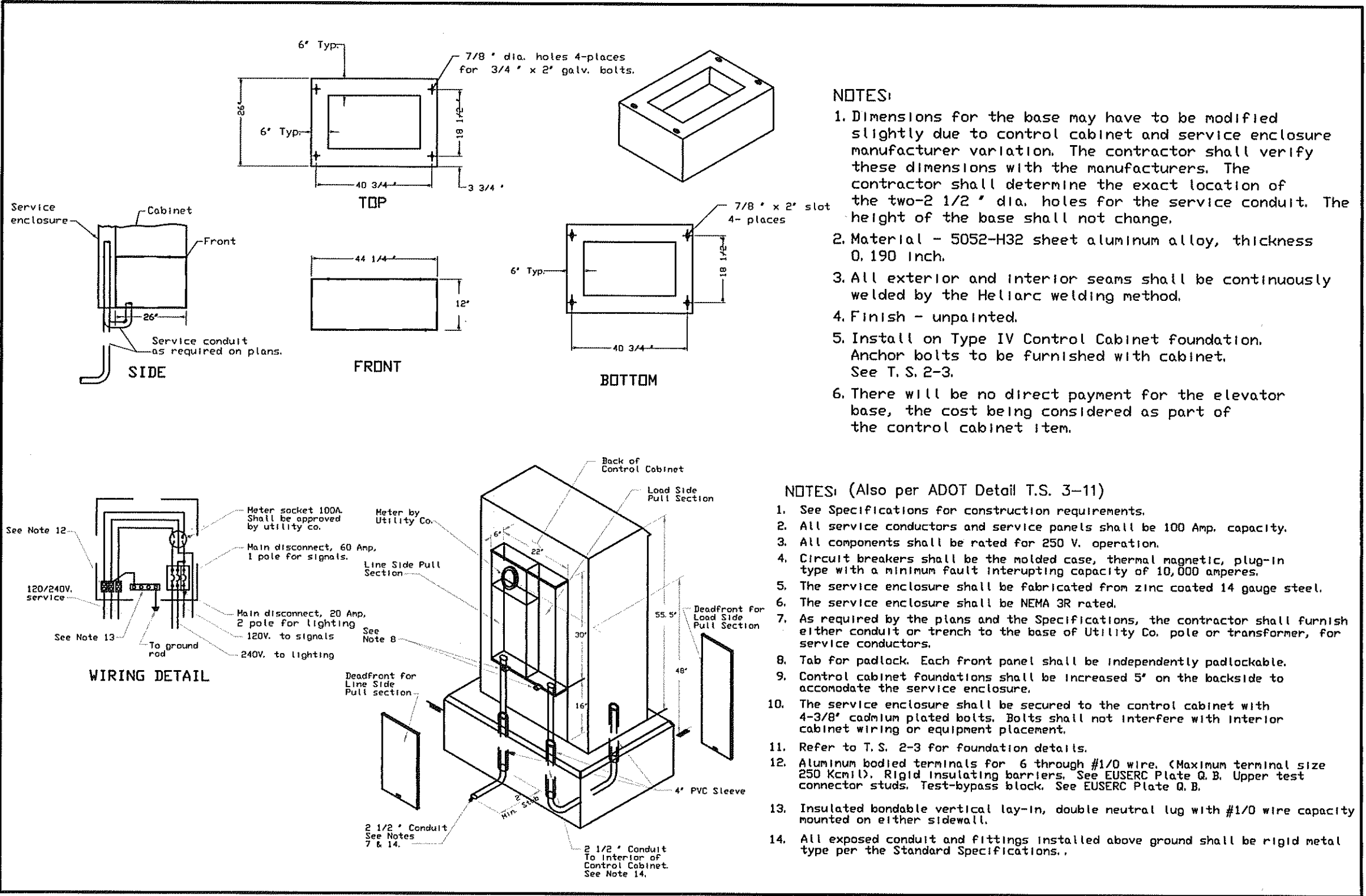


- ### CONSTRUCTION NOTES:
1. UNDERGROUND ELECTRICAL CONDUIT AND FITTINGS TO BE INSTALLED PER ADOT SPECS. 732-3. ALL CONDUIT RUNS ARE SHOWN SCHEMATICALLY ON THESE PLANS. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES (SEE GENERAL SIGNAL NOTE 3, SHT. 1/4) AND PLACE CONDUIT TO AVOID SUCH UTILITIES.
 2. NEW ADOT #7 PULL BOXES PER ADOT STD. DWG. T.S. 1-4 AND ADOT SPECS. 732-2 SHALL BE INSTALLED AT ALL CORNERS BY THE CONTRACTOR AT THE EXISTING CONDUIT LOCATIONS PER THE PLANS, WITH THE EXCEPTION OF A #7 BOX AND EXTENSION PER ADOT STD. DWG. T.S. 1-5 TO BE INSTALLED AT THE SOUTH-EAST CORNER.
 3. THE LOOP DETECTORS SHALL BE INSTALLED PER ADOT STD. DWG. T.S. 7-1, EXCEPT THAT ALL LOOP DUCT CONDUCTORS SHALL HAVE A MINIMUM OF 2" SEALANT COVERING, INCLUDING LEAD-IN SAWCUTS. THE LOOP SAWCUT SEALANT SHALL BE EMULSIFIED TYPE PER THE STANDARD SPECIFICATIONS, AND SHALL BE PRE-MIXED WITH THE SAND BEFORE APPLICATION. THE LOOP DETECTORS SHALL BE LOCATED 6-FT. PAST THE STOP BAR AND CENTERED IN THE LANE.
 4. THE LOOP DETECTORS SHALL EACH HAVE A SEPARATE CHANNEL IN THE CONTROL CABINET AND THE DETECTOR RACK. THE CABINET AND DETECTOR RACK SHALL BE WIRED FOR DELAY TIMING CAPABILITY.
 5. ALL LOOP DETECTORS SHALL BE INSTALLED AND FUNCTIONAL BEFORE THE DAY OF TURN-ON.
 6. THE ELEVATION OF THE TOP OF THE POLE FOUNDATIONS SHALL MATCH THE TOP OF THE ADJACENT RAMP CURB, AND SHALL BE INSPECTED BY THE CITY PRIOR TO PLACEMENT OF CONCRETE. THE CONTRACTOR SHALL PROVIDE COMPACTED FILL AROUND THE FOUNDATIONS FOR COMPLETE STRUCTURAL SUPPORT.
 7. THE CONTRACTOR SHALL PERFORM A GROUND RESISTANCE TEST FOR EACH INSTALLED GROUND ROD AND POLE FOUNDATION GROUNDING COIL IN ACCORDANCE WITH ADOT STANDARDS SUBSECTION 732-3.03.
 8. INSTALL ONE EACH MAST ARM MOUNTED STREET NAME SIGN (D-3 SIGNS) ON EACH OF THE FOUR SIGNAL MAST ARMS MOUNTED PER ADOT STD. DWG. S-9, SHEET 1 OF 3 AND THE CONTRACT DOCUMENTS. NO STRAP OR BAND MOUNTS SHALL BE USED.
 9. CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING HEIGHT OF SIGNAL MAST ARMS IS NOMINAL 21- FEET ABOVE PAVEMENT.
 10. PAVEMENT MARKINGS ARE SHOWN FOR REFERENCE ONLY. SEE STRIPING & SIGNING PLAN FOR INSTALLATION REQUIREMENTS.
 11. CONTRACTOR TO PROVIDE 90° BEND ON CONDUIT RUN NO. 1 AT BASE OF POWER POLE AT SOUTH-EAST CORNER, ALONG WITH A 30-FOOT LENGTH OF ELECTRIC SERVICE CABLE FOR CONNECTION TO TRANSFORMER BY UNISOURCE ENERGY- ELECTRIC CO. CONTRACTOR TO COORDINATE THIS EFFORT PER GENERAL SIGNAL NOTE #4, SHT. 1/4.
 12. CONTRACTOR TO LOCATE & CONNECT TO ENDS OF EXISTING PVC CONDUIT AND EXTEND OR SPLICE EXISTING CONDUIT RUNS AS NEEDED FOR CONNECTION TO NEW PULL BOXES AS SHOWN ON THE PLANS & PER GENERAL SIGNAL NOTES, SHT. 1/4.
 13. ALL PULL BOXES SHALL BE LEFT IN A CLEAN CONDITION, FREE OF DIRT AND DEBRIS UPON COMPLETION OF THE WORK.

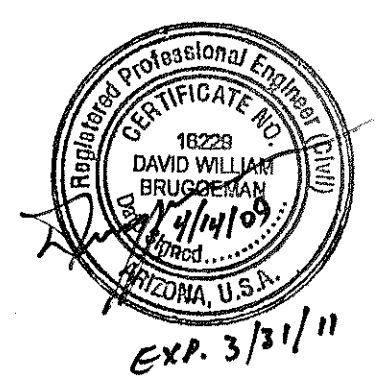


LEGEND

	CONTROLLER		ELECTRIC TRANSFORMER		EXISTING U.G. CONDUIT
	NO. 7 PULL BOX		TELEPHONE PEDESTAL		NEW U.G. CONDUIT
	NO. 7 PULL BOX W/ EXTENSION		NEW LUMINAIRE		EXIST. FIRE HYDRANT
	POWER POLE		NEW SIGNAL HEAD		EXIST. SIGN
	GUY		NEW PED. SIGNAL HEAD		EXIST. MAIL BOX
	EXISTING LIGHT POLE		WATER VALVE		SECTION CORNER
			WATER METER		

TRAFFIC LEGEND

	NEW POLE
	NEW CONDUIT RUN
	EXIST. CONDUIT RUN
	NEW PULLBOX
	EXIST. PULLBOX



D					ASBUILT INFORMATION		REFERENCE DRAWINGS		CITY OF KINGMAN		DESIGNED BY D. CASSON			SIGNAL LAYOUT PLAN		SHEET 2	
C					DATE OF ACCEPTANCE		03-ST-0033		ENGINEERING DIVISION		DRAWN BY D. CASSON			BANK STREET		OF 4	
B					INSPECTED BY		03-W-0022		310 NORTH 4TH STREET		CHECKED BY G. HENRY					DRAWING	
A					REVISED BY		03-S-0023		KINGMAN, ARIZONA 86401		DATE DRAWN 3/31/09					ENG07-022	
					CHECKED BY		01-ST-0057		PHONE (928) 753-8122 FAX (928) 753-8118		HORIZ. SCALE N.T.S.						
					ADEQ FILE NUMBER		05-W-0021				VERT. SCALE N.T.S.						
					DATE OF ADEQ APPROVAL								Expires 6/30/2011				
					CITY CONTRACT NUMBER												
					CONTRACTOR												
	REVISION	DESCRIPTION	BY	DATE	APP.												